



<b>conductor material:</b>	bare Cu conductor, fine wire
<b>strand structure:</b>	to VDE 0295, class 5 / IEC 60228 class 5
<b>insulation:</b>	special PVC
<b>cores:</b>	black cores with printed consecutive white number coding green-yellow protective conductor (3cores and over) in the outer layer cores twisted in layers, with optimal lengths
<b>outer sheath:</b>	special PVC
<b>sheath colour:</b>	grey RAL 7001

<b>rated voltage Uo/U:</b>	300/500 V
<b>test voltage:</b>	3000 V
<b>insulation resistance:</b>	at +20°C ≥ 20 MOhm x km
<b>bending radius:</b>	15 x cable diameter
<b>temperature range flexible:</b>	- 5°C to + 70°C
<b>temperature range fixed:</b>	- 30°C to + 70°C
<b>flame retardant:</b>	to IEC 60332-1

**application:** Power control cable for fixed installation or flexible applications. Used as measuring, checking and control cable in machine tool manufacturing, plant engineering and on assembly lines and production lines. For unrestricted mobility without forced movement control and without exposure to tensile load. Used as energy or connecting cable in dry and moist rooms to meet stringent safety requirements; outdoor installation not permitted.

*The products and information presented here are for technical calculation only.  
They are subject to technical progress and in no way represent the ability of shipment.  
Outer diameters are approximately.*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1902050	H05VV5-F 2 x 0,5 OZ	5,8	9,6	40
1903050	H05VV5-F 3 G 0,5	6,1	14,4	51
1904050	H05VV5-F 4 G 0,5	6,9	19,2	62
1905050	H05VV5-F 5 G 0,5	7,5	24,0	75
1907050	H05VV5-F 7 G 0,5	9,0	33,6	117
1912050	H05VV5-F 12 G 0,5	10,7	58,0	188
1918050	H05VV5-F 18 G 0,5	12,9	86,0	248
1905050	H05VV5-F 19 G 0,5	13,0	91,2	290
1925050	H05VV5-F 25 G 0,5	16,0	120,0	348
2705050	H05VV5-F 27 G 0,5	16,5	129,6	370
1934050	H05VV5-F 34 G 0,5	17,7	163,0	476
1941050	H05VV5-F 41 G 0,5	19,8	196,0	560
1950050	H05VV5-F 50 G 0,5	21,5	240,0	650
1961050	H05VV5-F 61 G 0,5	23,0	293,0	753
1902075	H05VV5-F 2 x 0,75 OZ	6,4	14,4	43
1903075	H05VV5-F 3 G 0,75	6,7	22,0	61
1904075	H05VV5-F 4 G 0,75	7,3	28,8	75
1905075	H05VV5-F 5 G 0,75	8,2	36,0	100
1907075	H05VV5-F 7 G 0,75	9,9	50,0	141
1912075	H05VV5-F 12 G 0,75	12,1	86,0	230
1918075	H05VV5-F 18 G 0,75	14,2	130,0	306
19057075	H05VV5-F 19 G 0,75	14,2	136,8	348
1925075	H05VV5-F 25 G 0,75	16,5	180,0	427
1927075	H05VV5-F 27 G 0,75	17,0	195,0	480
1934075	H05VV5-F 34 G 0,75	19,5	245,0	590
1937075	H05VV5-F 37 G 0,75	19,6	266,4	657
1941075	H05VV5-F 41 G 0,75	21,5	296,0	710
1950075	H05VV5-F 50 G 0,75	23,3	360,0	807
1960075	H05VV5-F 61 G 0,75	25,8	439,0	985
1902100	H05VV5-F 2 x 1 OZ	6,7	19,2	57
1903100	H05VV5-F 3 G 1	7,1	28,8	71
1904100	H05VV5-F 4 G 1	7,8	38,4	89
1905100	H05VV5-F 5 G 1	8,7	48,0	116
1907100	H05VV5-F 7 G 1	10,5	67,0	166
1912100	H05VV5-F 12 G 1	12,5	115,2	251
1918100	H05VV5-F 18 G 1	15,0	172,8	385
1919100	H05VV5-F 19 G 1	15,0	182,4	425
1925100	H05VV5-F 25 G 1	17,5	240,0	534
1927100	H05VV5-F 27 G 1	18,6	259,2	590
1934100	H05VV5-F 34 G 1	21,0	326,4	700
1937100	H05VV5-F 37 G 1	22,0	355,2	782
1941100	H05VV5-F 41 G 1	22,5	394,0	815
1950100	H05VV5-F 50 G 1	24,6	480,0	993
1961100	H05VV5-F 61 G 1	28,1	585,6	1173

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1902150	H05VV5-F 2 x 1,5 OZ	7,6	28,8	65
1903150	H05VV5-F 3 G 1,5	8,3	43,2	92
1904150	H05VV5-F 4 G 1,5	9,1	57,6	125
1905150	H05VV5-F 5 G 1,5	10,2	72,0	155
1907150	H05VV5-F 7 G 1,5	12,5	100,8	227
1912150	H05VV5-F 12 G 1,5	14,5	172,8	330
1918150	H05VV5-F 18 G 1,5	17,7	259,2	506
1919150	H05VV5-F 19 G 1,5	17,9	273,6	538
1925150	H05VV5-F 25 G 1,5	20,4	360,0	700
1927150	H05VV5-F 27 G 1,5	21,4	389,0	730
1934150	H05VV5-F 34 G 1,5	24,6	489,6	920
1937150	H05VV5-F 37 G 1,5	26,1	532,0	963
1941150	H05VV5-F 41 G 1,5	26,3	590,0	1060
1950150	H05VV5-F 50 G 1,5	28,9	720,0	1320
1961150	H05VV5-F 61 G 1,5	30,9	878,4	1590
1902250	H05VV5-F 2 x 2,5 OZ	9,2	48,0	121
1903250	H05VV5-F 3 G 2,5	9,9	72,0	146
1904250	H05VV5-F 4 G 2,5	11,0	96,0	196
1905250	H05VV5-F 5 G 2,5	12,1	120,0	235
1907250	H05VV5-F 7 G 2,5	14,7	168,0	343
1912250	H05VV5-F 12 G 2,5	17,4	288,0	535
1918250	H05VV5-F 18 G 2,5	21,3	432,0	800
1919250	H05VV5-F 19 G 2,5	21,3	456,0	810
1925250	H05VV5-F 25 G 2,5	25,6	600,0	1100
1927250	H05VV5-F 27 G 2,5	26,5	648,0	1210
1934250	H05VV5-F 34 G 2,5	29,5	816,0	1436
1937250	H05VV5-F 37 G 2,5	29,6	888,0	1690
1941250	H05VV5-F 41 G 2,5	32,0	984,0	1850
1950250	H05VV5-F 50 G 2,5	35,0	1200,0	2070
1961250	H05VV5-F 61 G 2,5	37,2	1464,0	2515